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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Michael Dollard

Application No.: 10/004,567

Filed: December 4, 2001

For: COMPUTATION REDUCTION IN  
OFDM SYSTEM USING FREQUENCY  
DOMAIN PROCESSING

Atty. Docket No.: CISC720

Examiner: Unassigned

Group: 2133

Date: May 24, 2002

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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as First Class Mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, DC 20231 on May 24, 2002.

Signed: \_\_\_\_\_

*Jacquie M. Vo*  
Jacquie M. Vo

INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §§1.56 AND 1.97(c)

Assistant Commissioner for Patents  
Washington, DC 20231

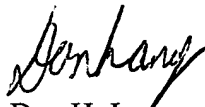
Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is believed to be filed before the mailing date of a first Office Action on the merits. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 50-1652 (Order No. CISC720).

Respectfully submitted,



Dan H. Lang  
Reg. No. 38,531

RITTER, LANG & KAPLAN LLP  
12930 Saratoga Ave., Suite D1  
Saratoga, CA 95070  
(408) 446-8690



<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	Atty Docket No. CISC720 Application No.: 10/004,567 Inventor Michael Dollard Group 2133 Filing Date December 4, 2001
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**U.S. Patent Documents**

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Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub-class	Filing Date
	A	5,732,068	3/24/98	Takahashi et al.	370	206	5/9/95
	B						
	C						

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	D							
	E							

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**Other Documents**

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Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	F	Bracewell, <u>The Fourier Transform and its Applications</u> , (2 <sup>nd</sup> Ed. Revised 1986) at pp. 362-370
	G	Wu et al., "FIR Filter Design via Semidefinite Programming and Spectral Factorization", Stanford University.
	H	Wu et al., "FIR Filter Design via Spectral Factorization and Convex Optimization", 1997, <u>Applied Computational Control, Signal and Communications</u> , Chap. 1.
	I	U.S. Patent Application entitled, "Optimal Filtering and Upconversion in OFDM Systems" by Vincent K. Jones IV, James M. Gardner and Michael Pollack. Filed February 18, 1999, assigned 09/253,152.
	J	U.S. Patent Application entitled, "Low Memory and Low Latency Cyclic Prefix Addition" by Santosh Anikhindi and Vincent K. Jones IV. Filed February 24, 2000, assigned 09/513,719.
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.